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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Jochen Buck et al.

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For: : CHEMICAL INHIBITORS OF SOLUBLE ADENYLYL CYCLASE

(sAC)

Examiner : Stone, Christopher R.

Art Unit : 1614

Mail Stop RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 I hereby certify that this correspondence is being electronically transmitted to the United States Patent and Trademark Office via the Office electronic filing system on *March 15, 2010.*

Signature: /Loretta E. Charles/ Loretta E. Charles

Sir:

AMENDMENT AND REPLY PURSUANT TO 37 C.F.R. § 1.114

This Amendment is being submitted in response to the December 15, 2009 Final Office Action issued by the United States Patent and Trademark Office in connection with the above-identified application.

Please make the following amendments to the subject application:

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 27 of this paper.